MULTI-FORM EMBODIED ROBOT

TRON 2

CUTTING-EDGE ALGORITHMS, AT YOUR FINGERTIPS

EMPOWER
INNOVATORS

LIMX
DYNAMICS

FREEDOM OF FORM, FLEXIBLE COMBINATIONS

○ Sole

○ Wheeled Legs

○ Dual Arms

ONE TRON 2,
THREE CONFIGURATIONS,
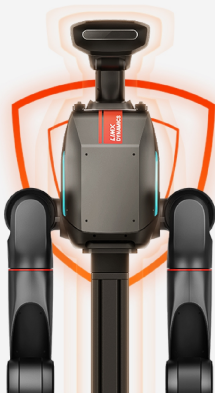UNLIMITED POSSIBILITIES.

Modular Configuration
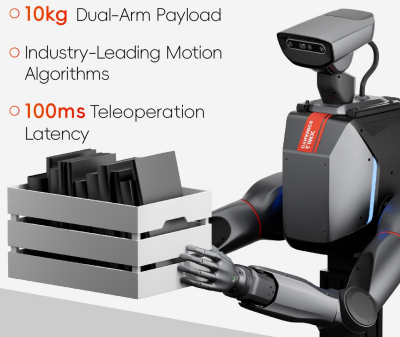
Voice, Vision, and More Sensor Kits

INVISIBLE GUARDIAN, EFFORTLESS SMOOTHNESS

○ Safety Boundary Protection

○ Dual Redundant Power Design

SUPERIOR PERFORMANCE, DIVERSE SCENARIOS

○ **10kg** Dual-Arm Payload

○ Industry-Leading Motion Algorithms

○ **100ms** Teleoperation Latency

EVERYTHING IN SIGHT,FULLY IN CONTROL

○ **7** DoF   ○ **70cm** Arm Span

○ Spherical Human-like Wrist Design

○ Full Coverage Camera Vision

TRON 2 is an embodied foundation built for research users.
With a single core system and three freely configurable forms, it integrates high-performance dual-arm manipulation with all-terrain mobile locomotion.
Designed to support VLA research, mobile manipulation, and whole-body control,
TRON 2 provides an all-in-one embodied development platform supporting diverse scenarios and terrains.

Full Coverage
Camera Vision

Industry-Leading
Motion Algorithms

Spherical Human-like
Wrist Design

100ms
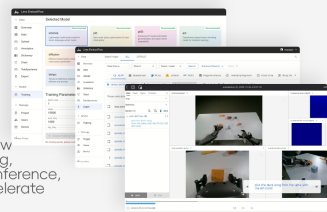Teleoperation
Latency

7
DoF

10 kg
Dual-Arm Payload
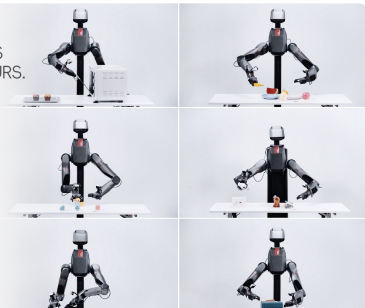
REAL-TIME PERCEPTION MULTI-TERRAIN VLN DEPLOYMENT

ALL-IN-ONE VLA PLATFORM

Streamline the entire workflow from data collection, cleaning, and annotation to training, inference, and task management. Accelerate innovation with ease.

COMPHRENSIVE TUTORIAL RESOURCES MASTER VLA IN 2 HOURS.

○ 10+
Example Tutorials

○ Including
ACT, Pi 0.5
Classic Models

○ 10,000+
Real-World Datasets
Open-Sourced

LIMX DYNAMICS

READY OUT OF THE BOX, DEVELOPMENT MADE EASY.

| Python development support | Compatible with ROS1 & ROS2 | Fully open SDK with high and low level access | Clear URDF for optimized Sim2Real performance |
| python™ | | | Product manuals provided |

SUPPORTS MAINSTREAM SIMULATORS

NVIDIA Isaac Sim, MuJoCo, Gazebo, etc. Ongoing updates via Github

TRON 2	Movement Speed	Climbing Angle	Obstacle Clearance Height	Battery Capacity
Wheeled Legs	5m/s	30°	20cm	9Ah
Sole	3m/s	15°		

* Use LimX Dynamics products in compliance with applicable laws and regulations.

* Product configurations described here in refer to the dual-arm, dual-pedal, and dual-wheeled versions of LimX TRON 2. Not all features are available in every version. Confirm specifications before purchase.

* All images, videos, and screen content are for illustrative purposes only. Actual product appearance (including but not limited to color, size, finish) and screen displays (including but not limited to UI, graphics) may vary.

* Data measured in LimX Dynamics lab. Actual performance may vary based on environment, usage, device condition, software version, etc.

* Products undergo continuous improvement. Designs and configurations may change. Confirm details with sales before ordering.